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- (71) Applicant (for all designated States except US): RHODIA CHIMIE [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HILLS, Emma [GB/GB]; 1A Bentcliffe Mount, Moortown, Leeds, Leeds LS17 6QW (GB). CHAPON, Pascal [FR/FR]; 52, rue Jules Claretie, F-31400 Toulouse (FR).
- (74) Agents: BOITIAUX, Vincent et al.; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers Cedex (FR).
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(54) Title: TAGGED SCALE INHIBITING POLYMERS, COMPOSITIONS COMPRISING THE SAME, AND METHOD FOR PREVENTING OR CONTROLLING SCALE FORMATION

(57) Abstract: The invention relates to tagged scale-inhibiting polymers, to compositions comprising said polymers, and to a method for preventing or controlling scale formation in systems comprising said fluids. The tagging units are units deriving from a monomer having formula $X_2C=CYY'$, wherein X, which is identical or different, is a hydrogen atom, or a C₁-C₄ alkyl group, Y is a hydrogen atom or a C₁-C₄ alkyl group, Y' is a group having formula -L-Arom, wherein L is a covalent bound or a divalent organic linking group optionally comprising heteroatoms, and Arom is a group comprising at least two conjugated aromatic rings, preferably at least three, said rings comprising conjugated carbon atoms, and, linked to said carbon atoms, hydrogen atoms or substituents.

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